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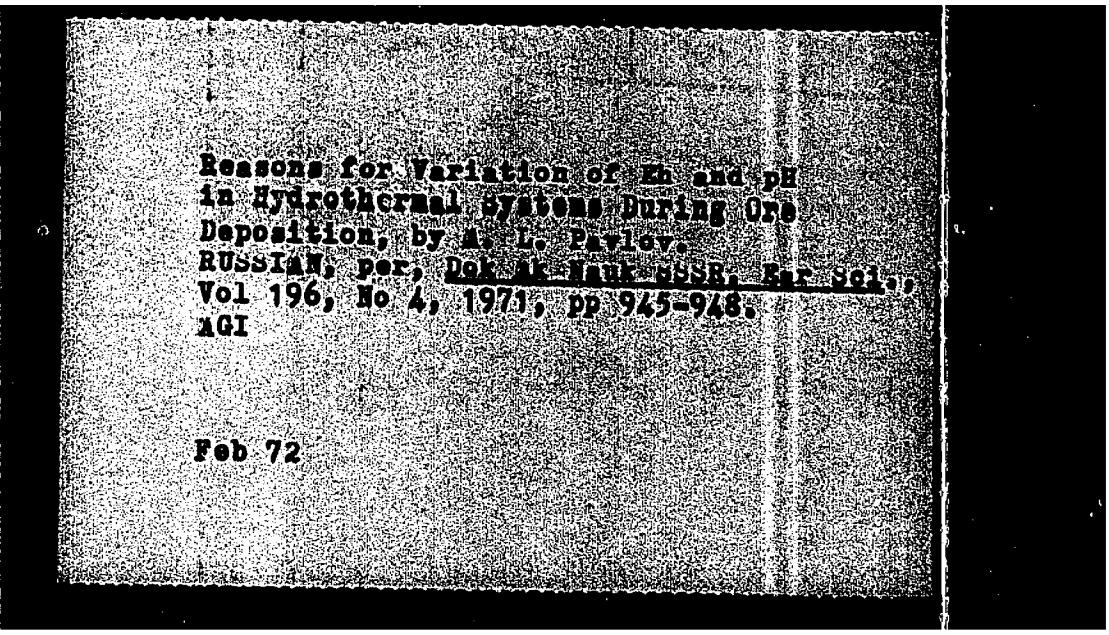

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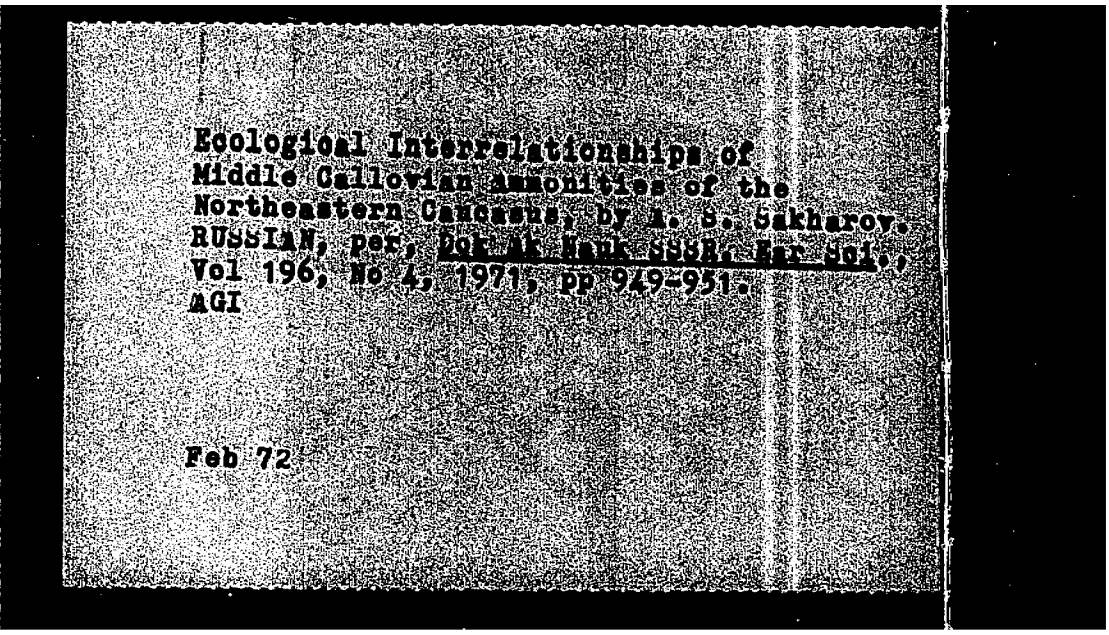

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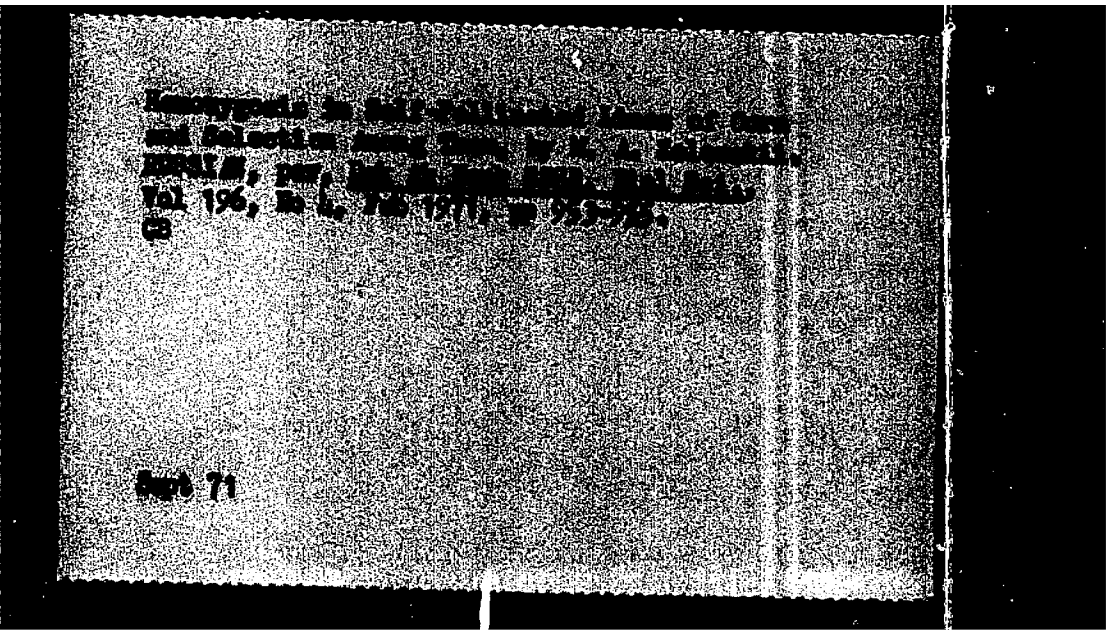

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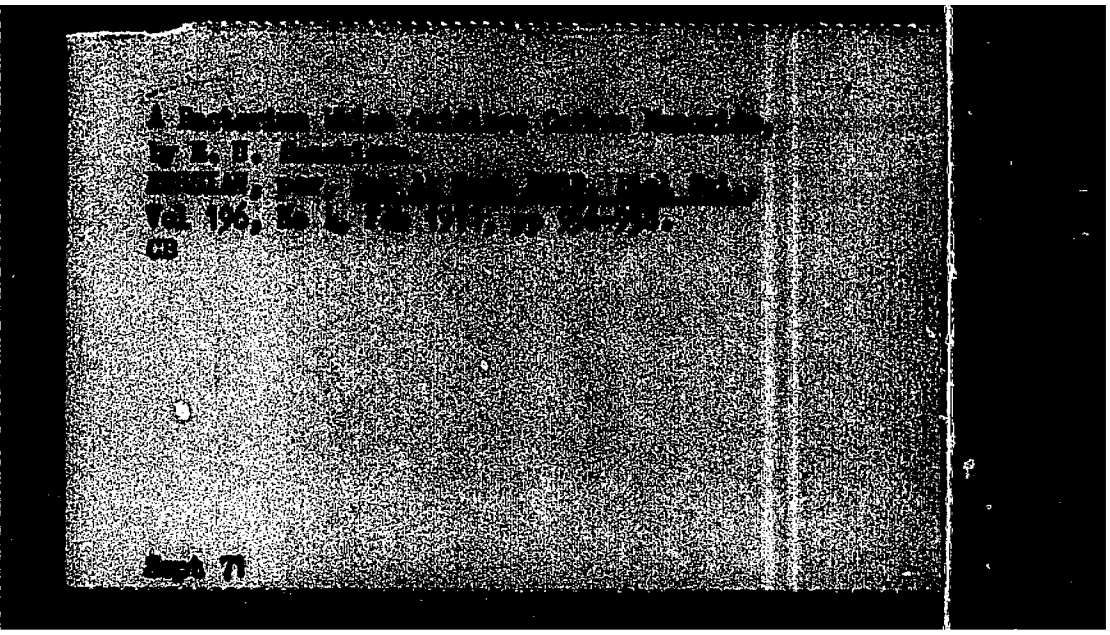

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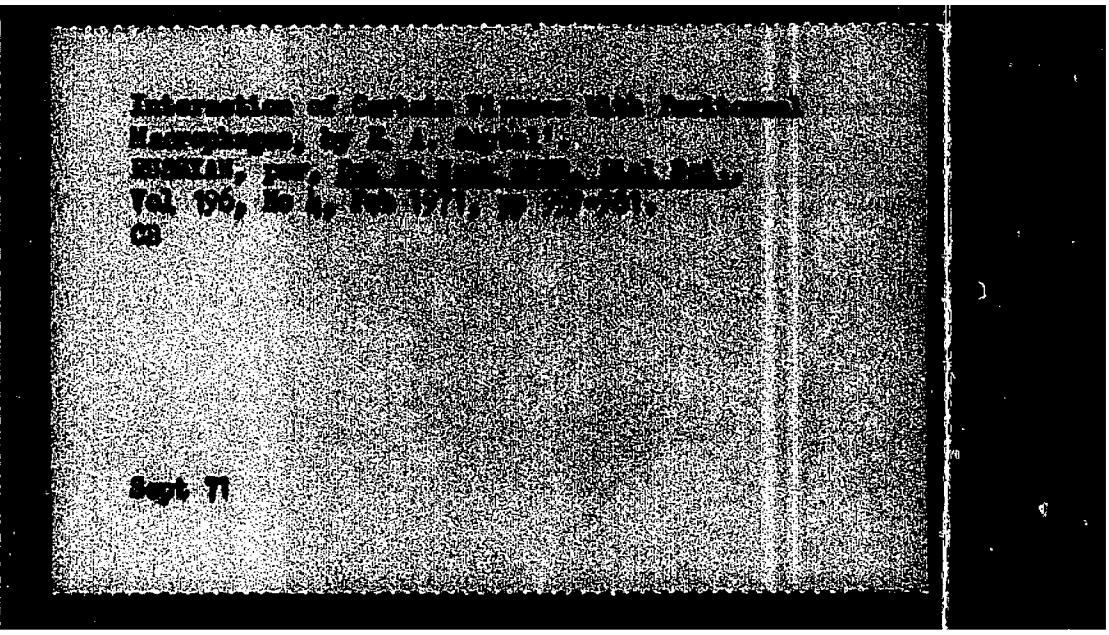

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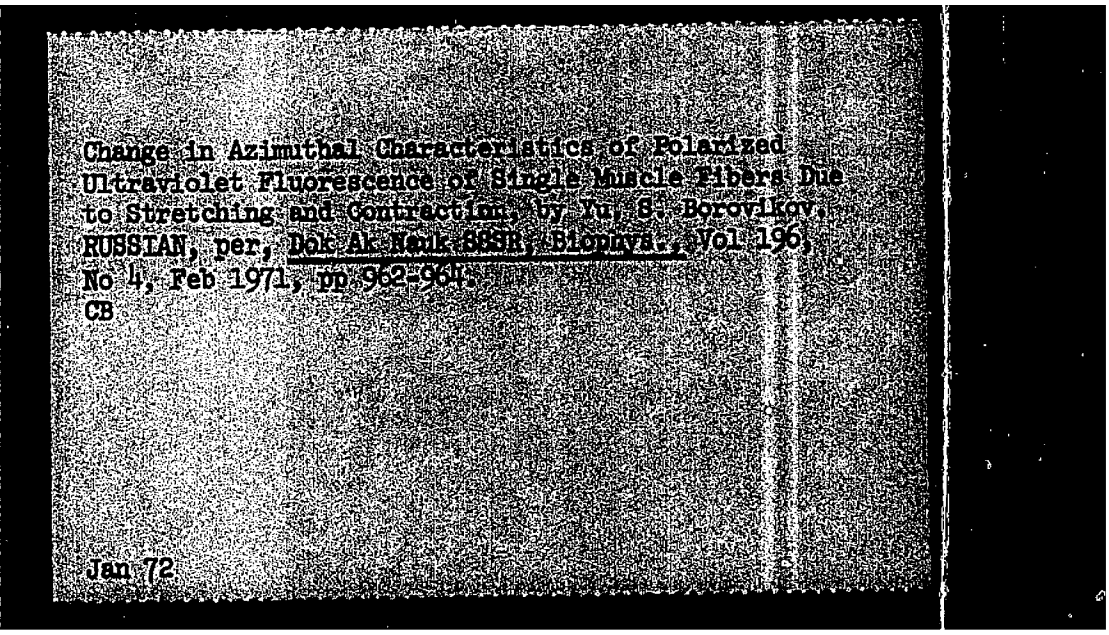

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Change in Physiochemical Properties of Polyphenol Oxidase and Its Isozymes in γ-Irradiated Plant Tissues, by V. A. Kopylov.
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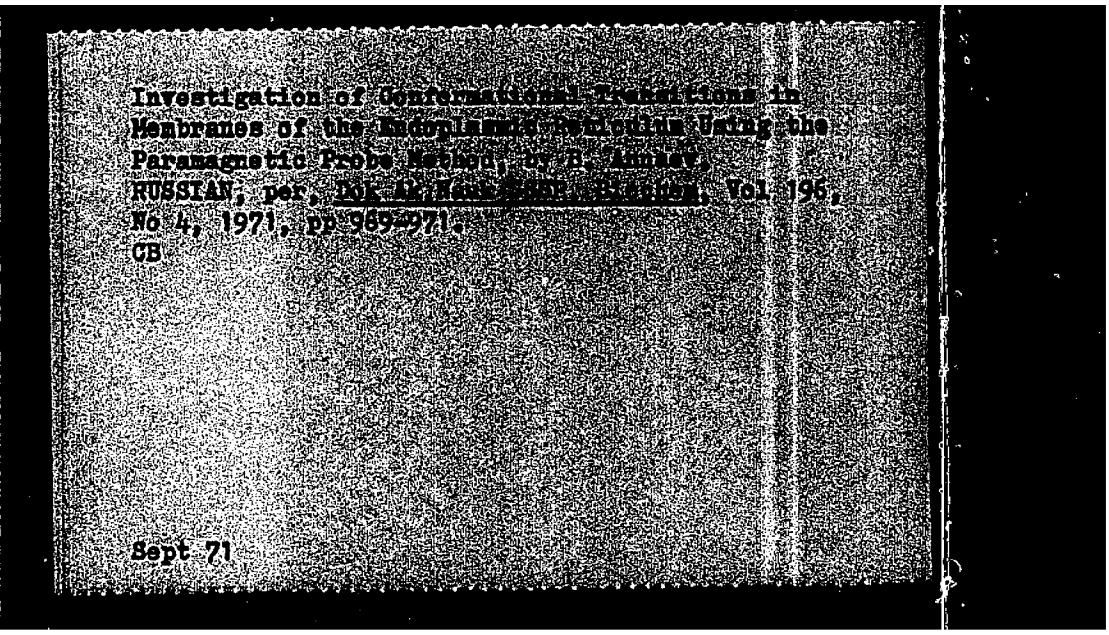

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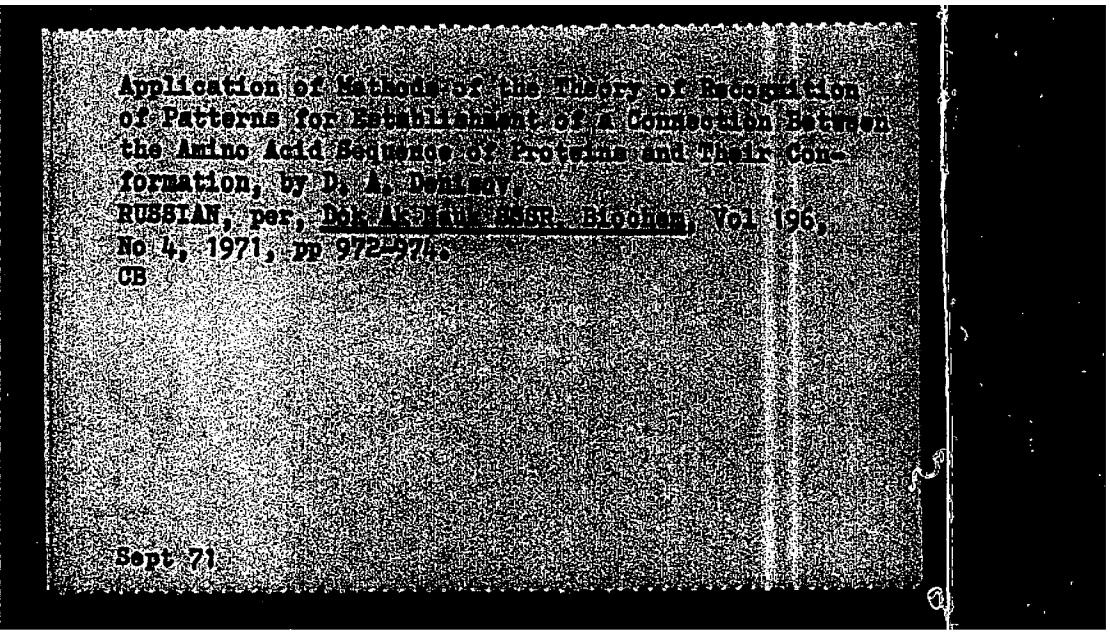

Application of Methods of the Theory of Recognition of Patterns for Establishment of a Connection Between the Amino Acid Sequence of Proteins and Their Conformation, by D. A. Dmitriev

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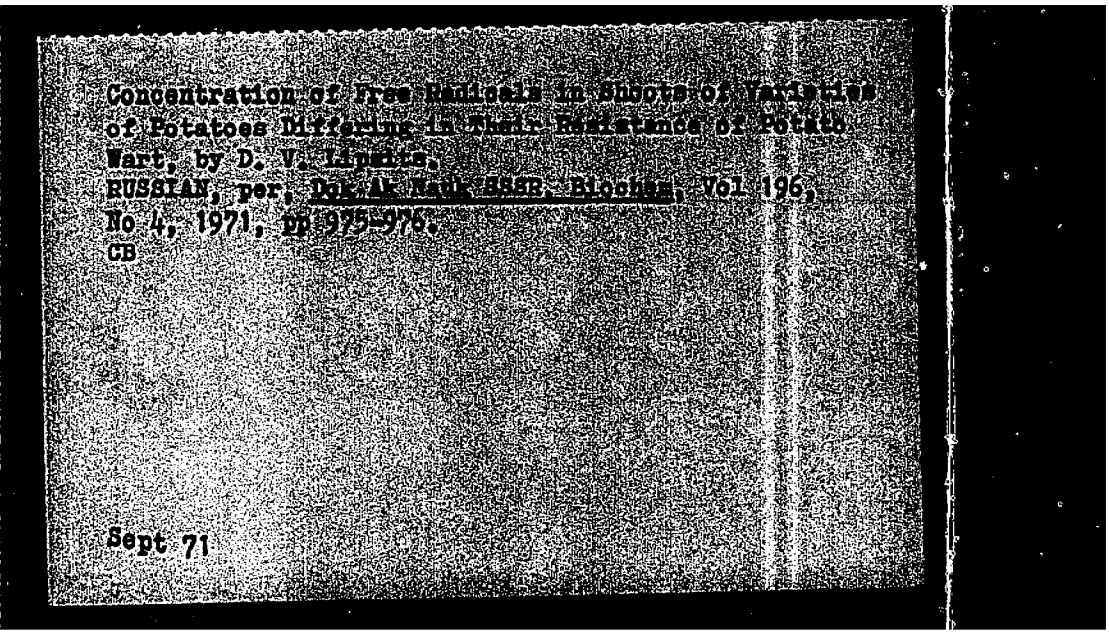

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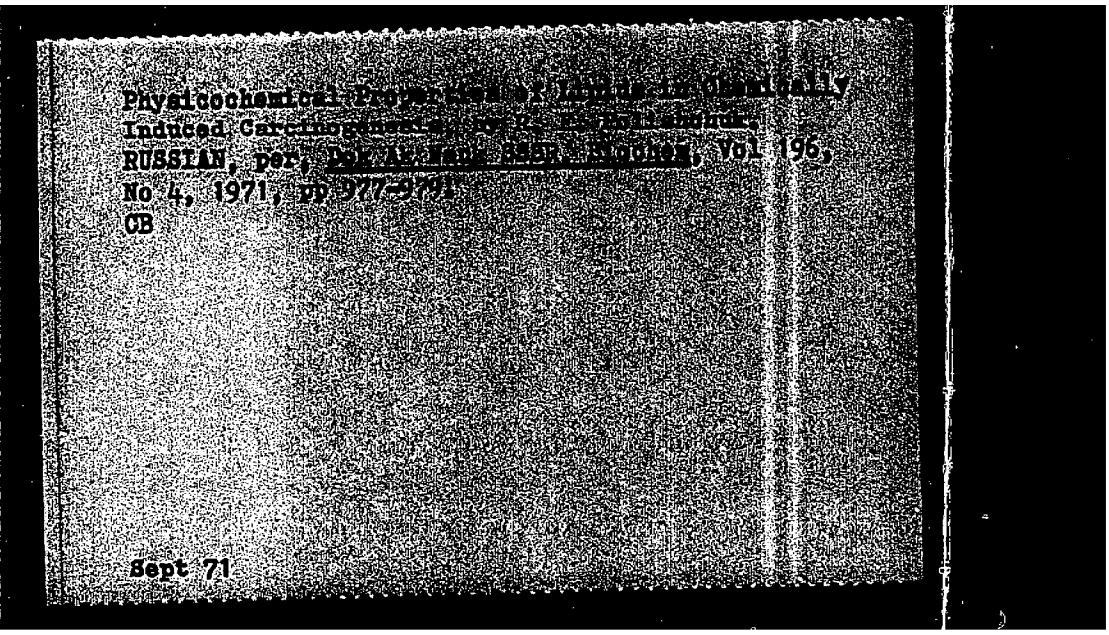

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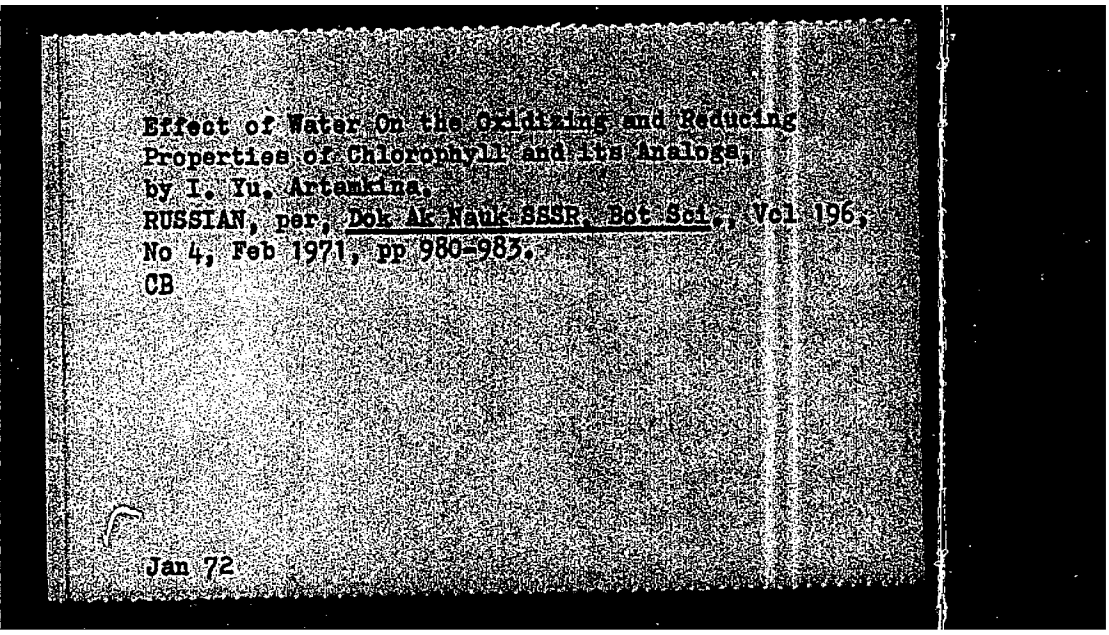

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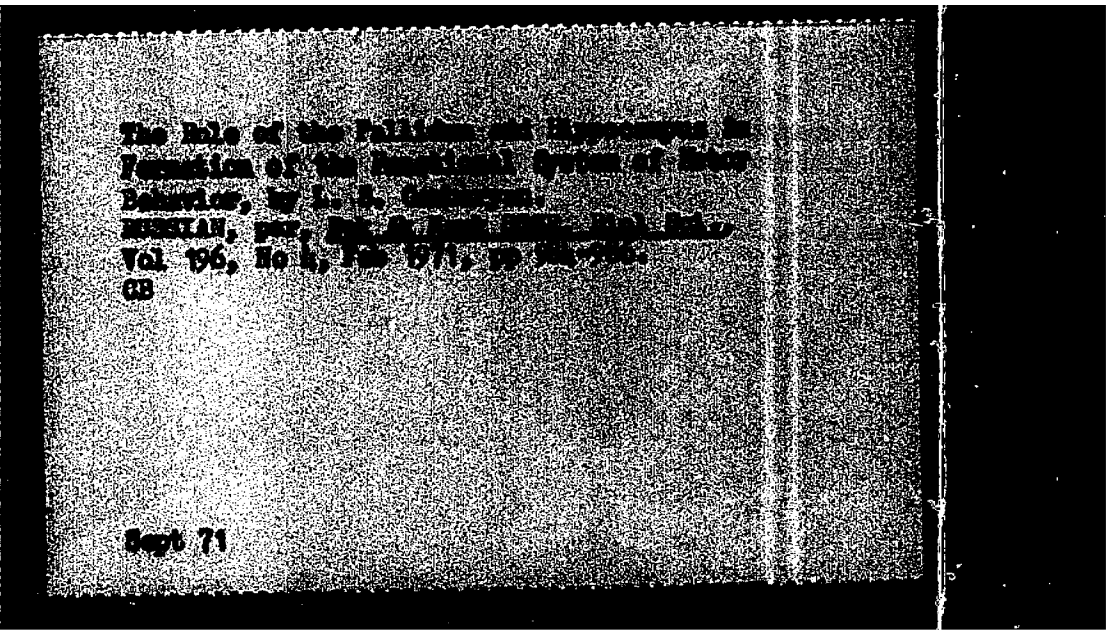

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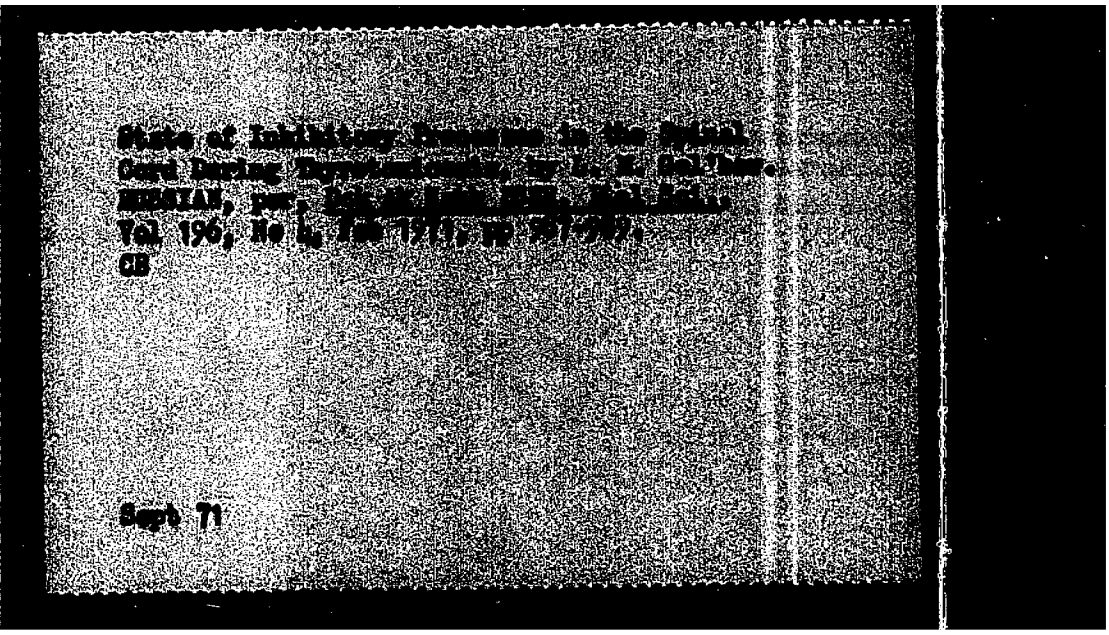

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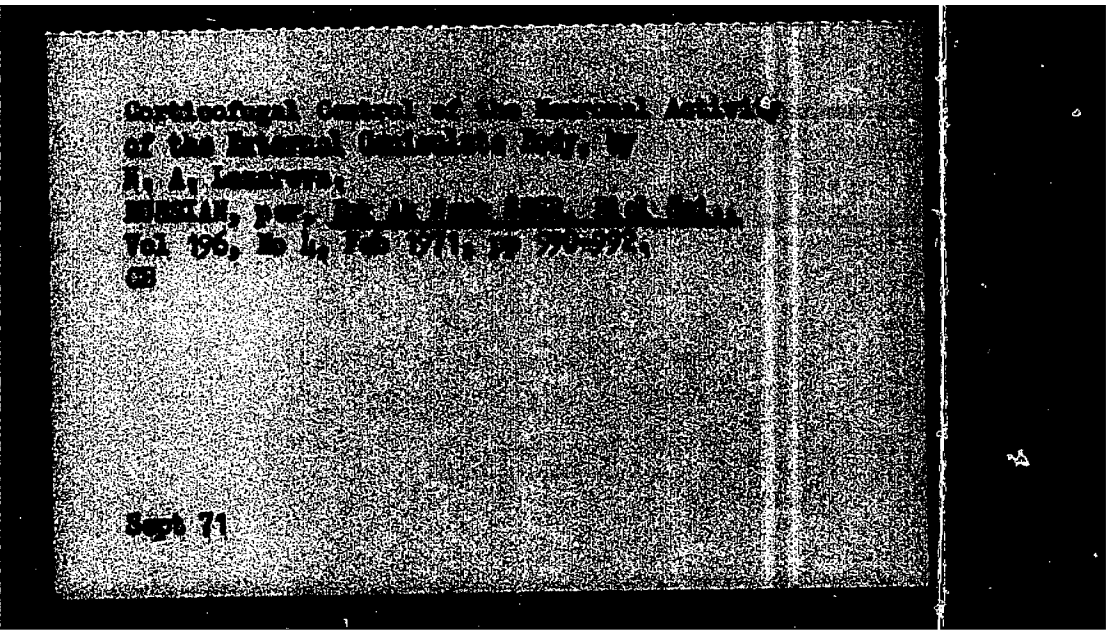

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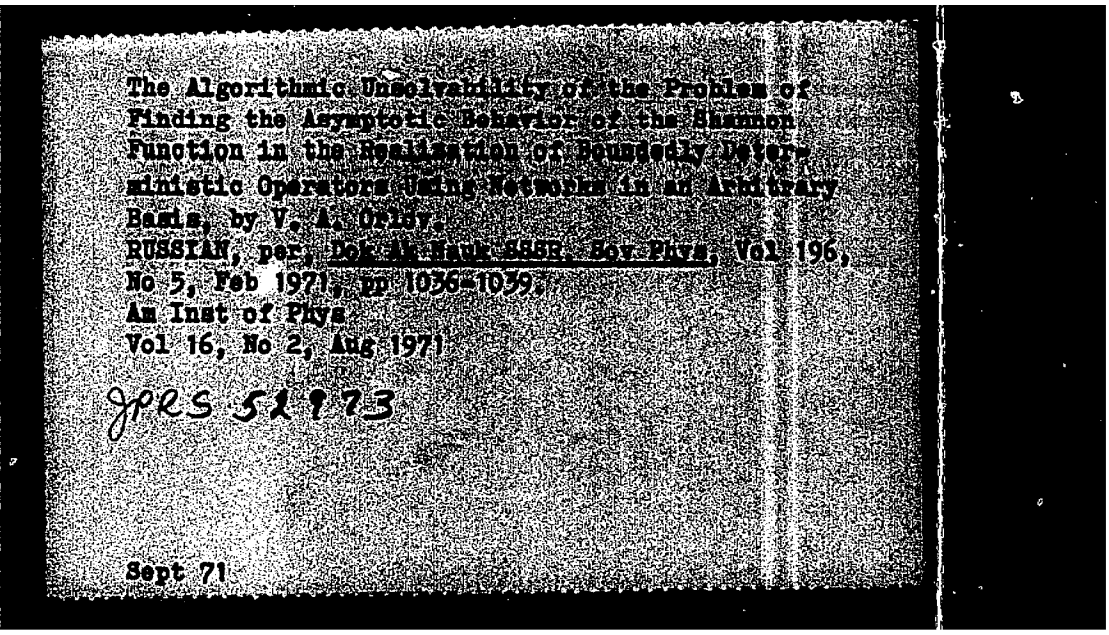

The Algorithmic Unsolvability of the Problem of Finding the Asymptotic Behavior of the Shannon Function in the Realization of Boundedly Deterministic Operators Using Networks in an Arbitrary Basis, by V. A. Orlov.
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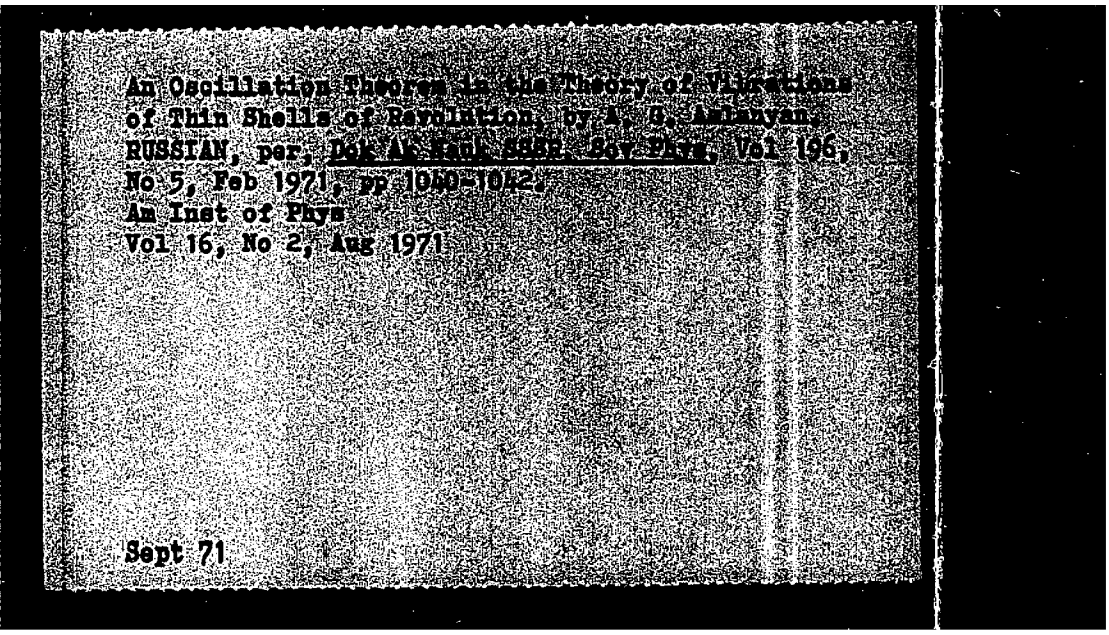

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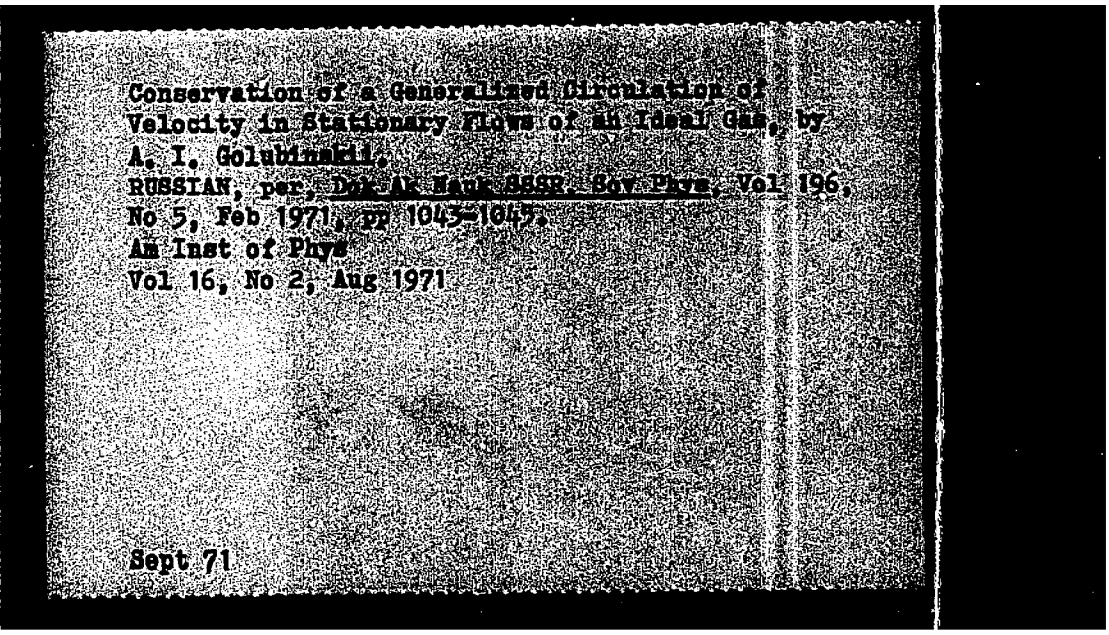

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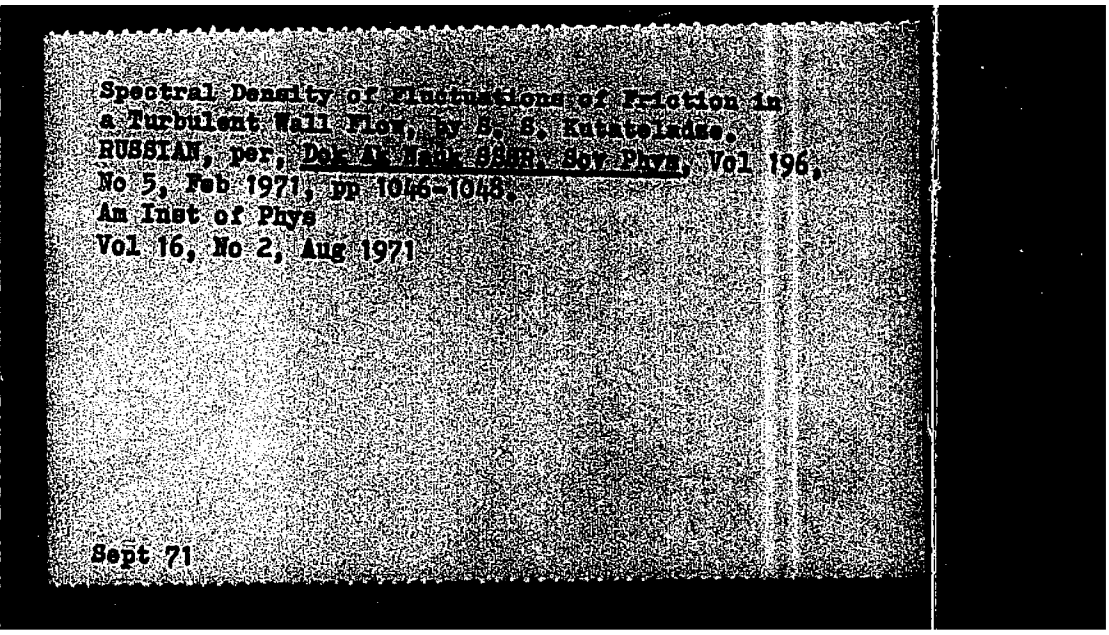

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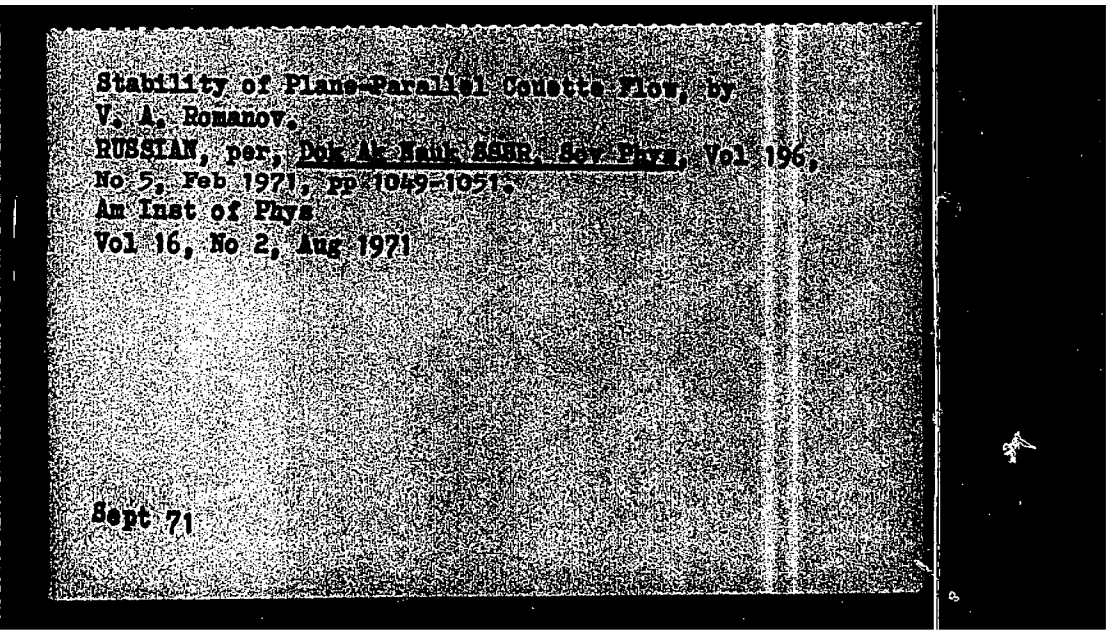

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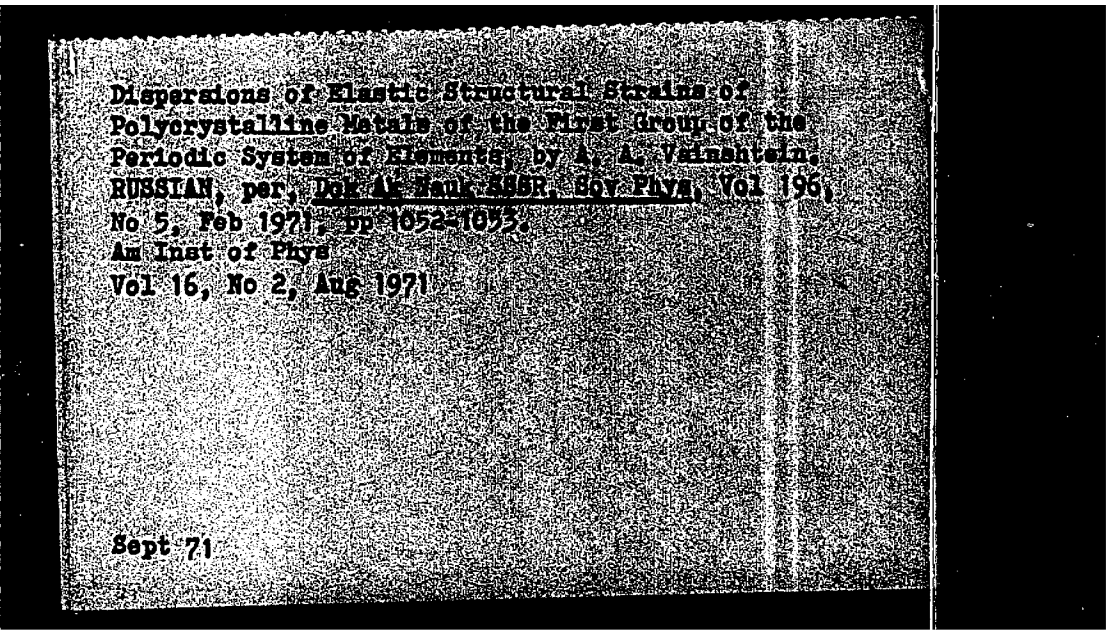

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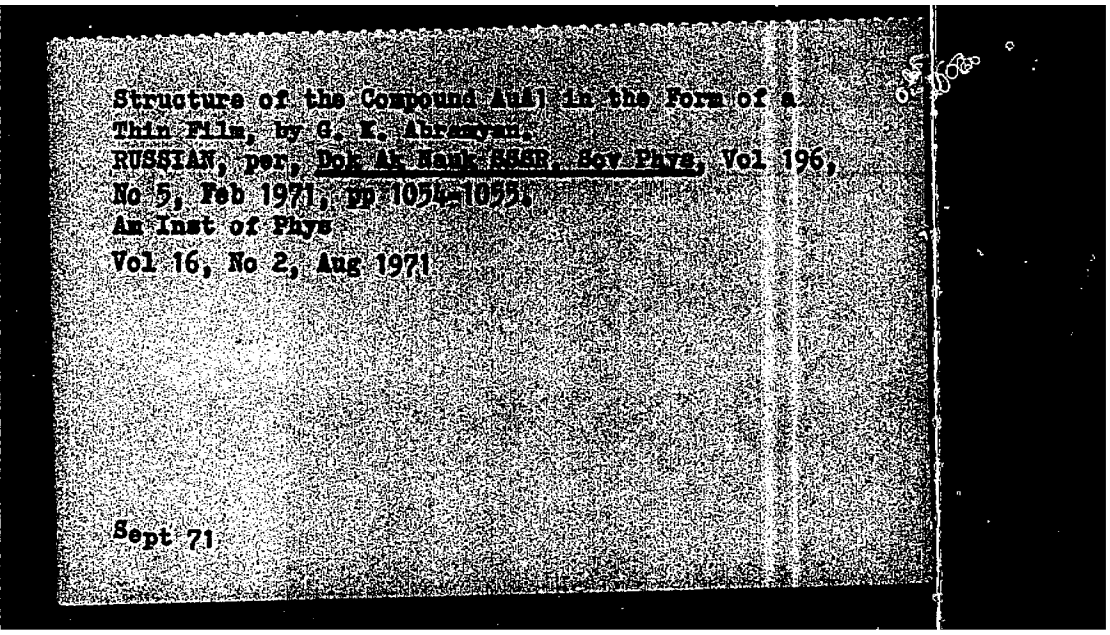

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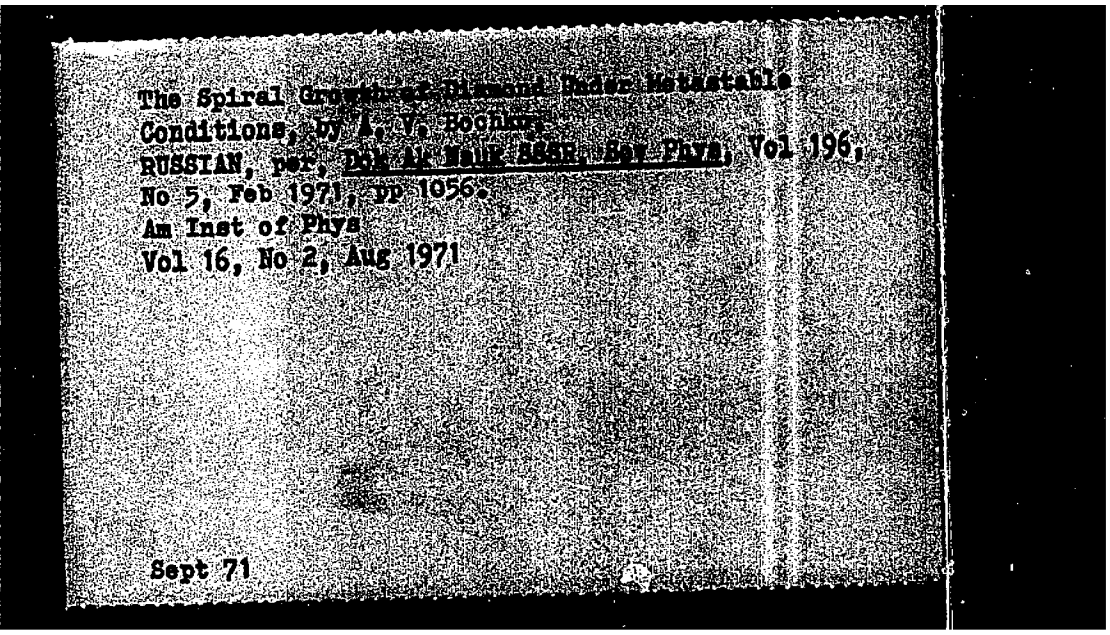

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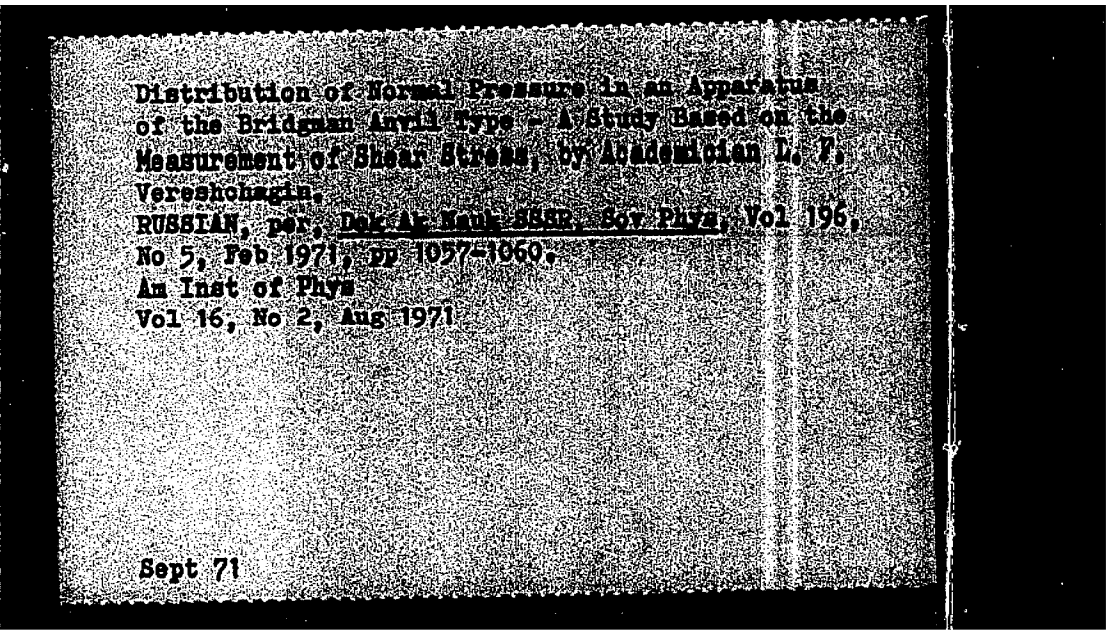

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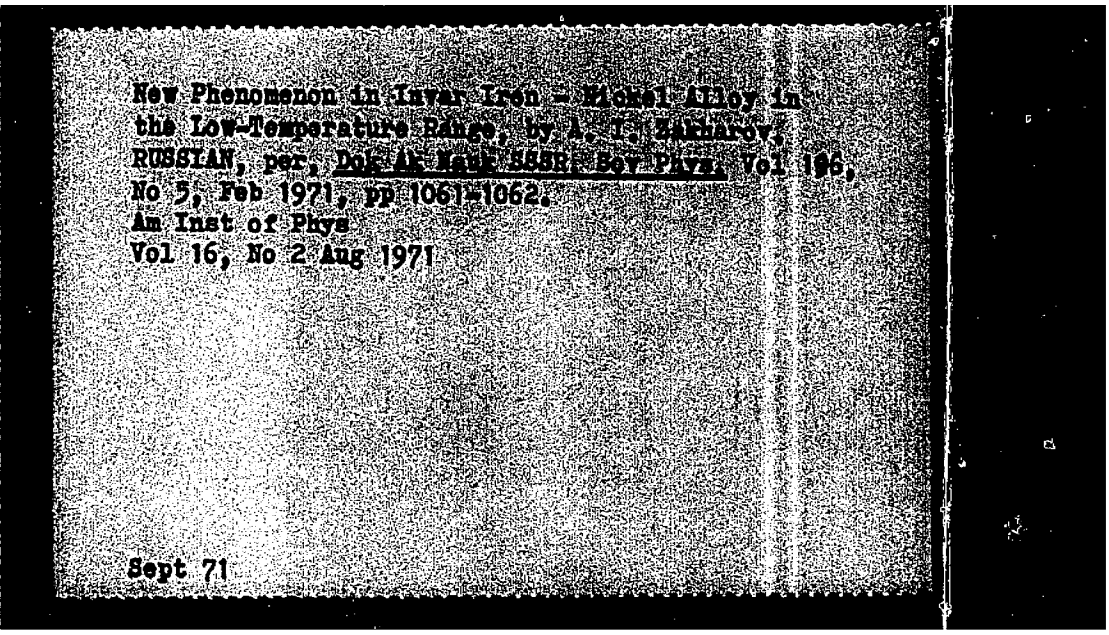

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Width of the Spectral Line of a System of N Mutually Synchronized Self-Excited Oscillators, by A. N. Malakhov.
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Synthesis of Projecting Functions, by B. K. Vainshtein.
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Crystal Structure of $Na_5[Sc(CO_3)_4] \cdot 2H_2O$, by

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Solution of the Fundamental Set From a Vector Set Containing Multiple Peaks (General Case, Fedorov Group P1), by E. A. Kuz'min.
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Study of the Spin Isomer of Iron(III) Complexes With Thiosemicarbazones of o-Oxybenzaldehydes by the Method of Gamma-Resonance Spectroscopy, by
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Properties of Films of Polydimethysiloxane on the Surface of Water, by V. V. Arslanov.
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Block Copolymerization of Isoprene With the Decomposition Products of Dinitrosodiacetylbenzidine, by A. A. Berlin. RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 196, No 5, 1971, pp 1108-1110.
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Thermodynamic Bases of the Regulation of the Structures of Polymers During Their Formation, by Al. Al. Berlin.
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Investigation of the Birefringence of Oriented Polymers, by I. E. Goncharova.
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Kinetic Relationships and Mechanisms of the High-Temperature Oxidation of Polyethylene, by
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Mechanism of the Initiating Action of Organic Bromides in the Oxidation of Methylbenzenes Catalyzed by Cobalt Salts, by I. V. Zakharov.
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Rate of Solution of Naphthalene in Carbon Dioxide Near the Critical Point, by I. R. Krichevskii. RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 196, No 5, 1971, pp 1129-1132.
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Physicochemical Mechanics of Organic Dispersions of Hydrated Silica, by N. N. Kruglitskii.
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Possibility of Calculating the Tensor of the Molecular Polarizibility and the Magnetic Susceptibility from the Bonds, by Kuak Dang Cheu.
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Differential Heats of Hydrogen Adsorption on the Surface of Nickelous Oxide and Kinetics of the Process, by V. E. Ostrovskii.
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Use of Experimental Planning to Study Superconductor Systems, by E. M. Savitskii.
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Structure of Polynuclear Non-Heme Centers of Iron-Containing Proteins, by E. N. Frolov.
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Kinetics of Silica Gasification Under Various Conditions, by G. G. Papin.
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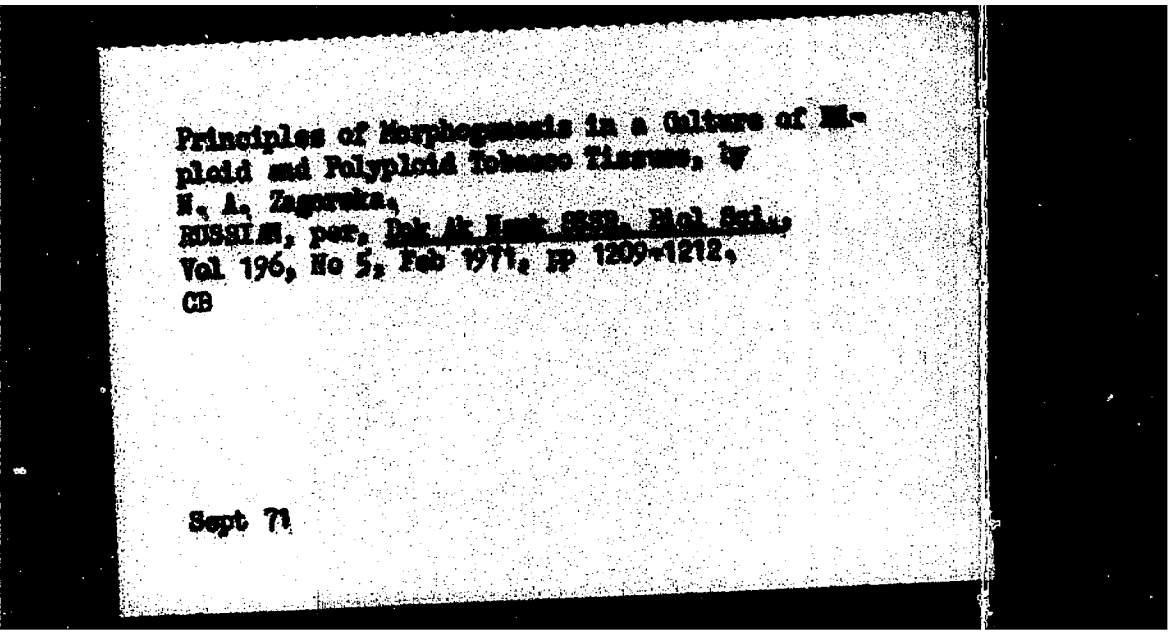

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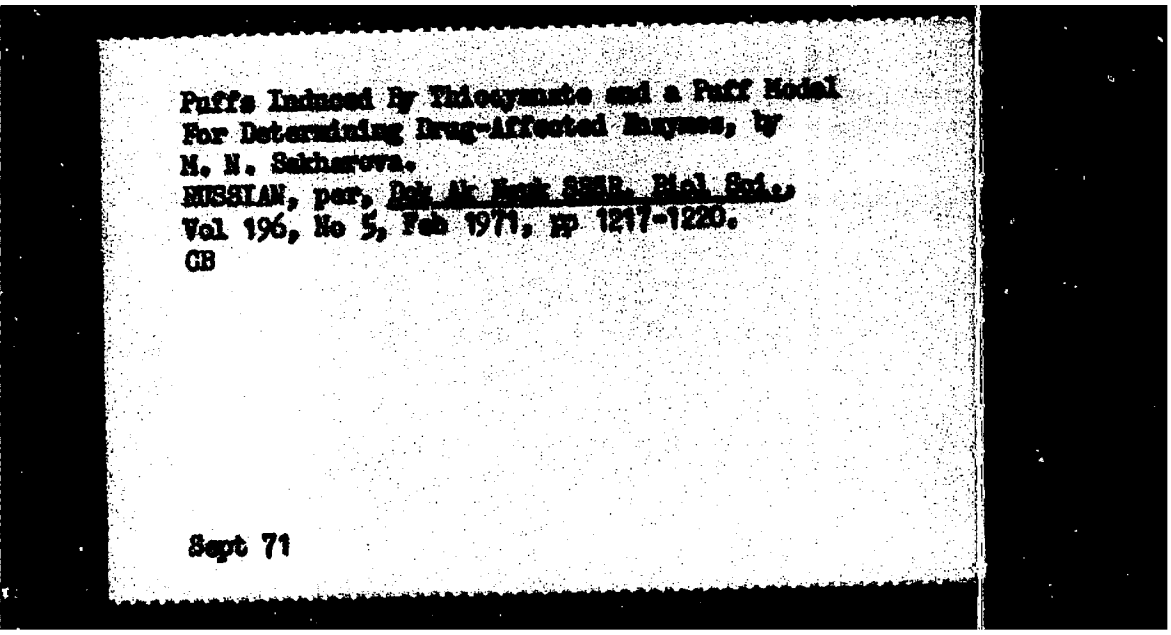

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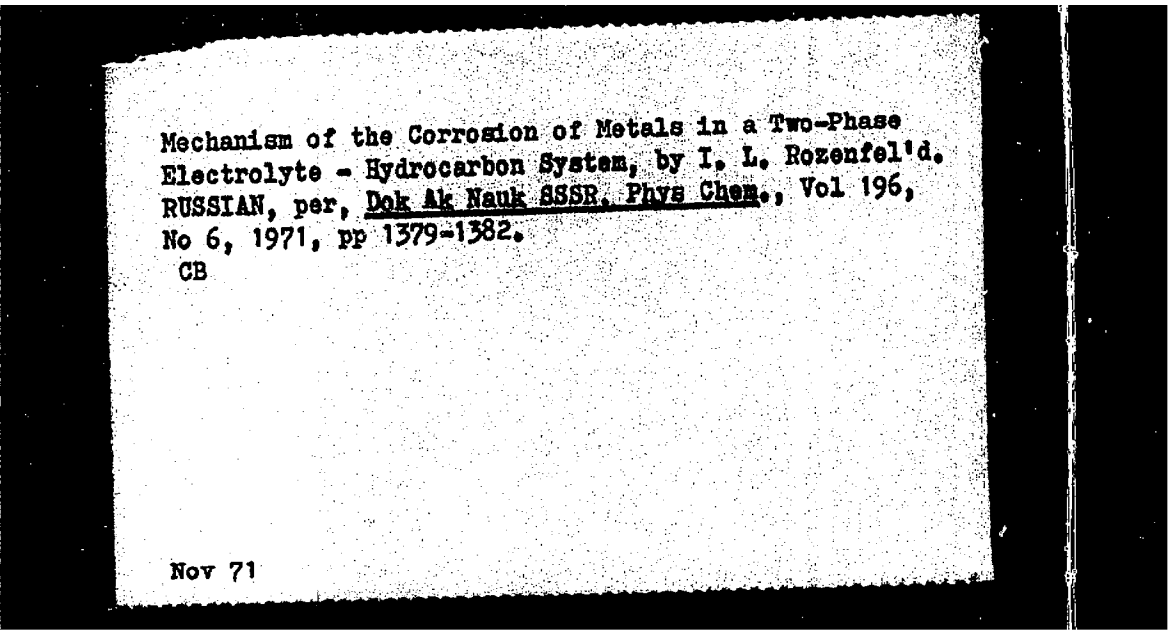

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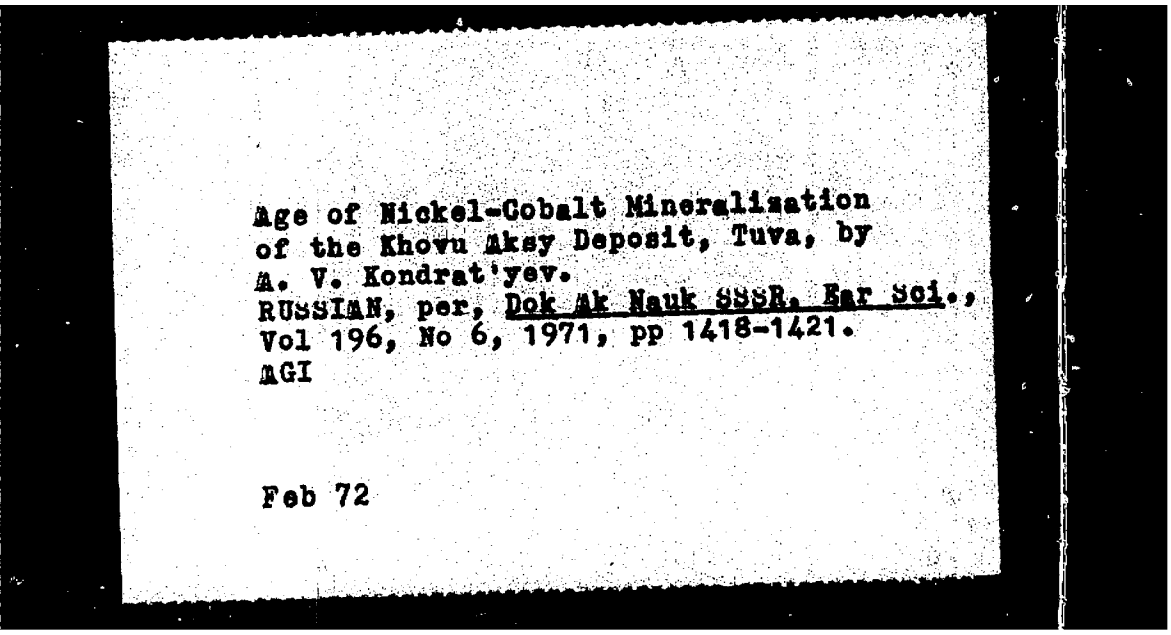

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